

ABSTRACT OF THE DISCLOSURE

METHOD, APPARATUS, AND PROGRAM FOR DISTRIBUTING A DOCUMENT OBJECT MODEL IN A WEB SERVER CLUSTER

5 An asynchronous, peer-to-peer design is provided for
synchronizing data on machines within a cluster using
messaging. The data may be represented in memory as a
document object model in secondary storage. Messaging may
be handled by a messaging system with topic destinations.
The design supports persistence management, locking, and
10 transactions with rollback, and maintains a uniform state
for the data across all nodes and secondary storage at all
times. Furthermore, barring catastrophic failure of all
machines in the cluster and secondary storage, there is no
possibility of losing committed data.

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